

ABSTRACT

[0068] Method, apparatus, and system for synchronization in radio communication systems are presented. The method includes the steps of encapsulating symbols in an information stream then modulating the stream.

- 5 The modulated information stream is then sent over a communication channel at a first robustness level, and the level of robustness of the information stream is then reduced to a second robustness level according to a predetermined function. The modulated information stream is received from the communication channel. The information stream is then
- 10 demodulated after a first number of symbols have been received, wherein the first number of symbols is less than a second number of symbols that would have to be received to demodulate a corresponding information stream sent over the communication channel only at the second robustness level.